IN THE CLAIMS

1. (currently amended)   A method of identifying and prioritizing wireless network devices, the method comprising:

detecting a signal from one or more wireless network devices, wherein each signal has at least one signal quality;

querying for supplemental information from each of the detected wireless network devices;

identifying each of the detected wireless network devices that match a selection criteria using the supplemental information;

associating the at least one signal quality with its respective wireless network device for each wireless network device that matches the selection criteria; and

prioritizing the wireless network devices that match the selection criteria based on their associated at least one signal quality.

2. (original)   The method of claim 1, wherein detecting a signal from one or more wireless network devices further comprises broadcasting a request from a reference network device and detecting a response from the one or more wireless network devices.

3. (original)   The method of claim 1, wherein the at least one signal quality includes a signal quality selected from the group consisting of a signal strength, a signal noise and a signal-to-noise ratio.

4. (original)   The method of claim 1, wherein identifying each of the detected wireless network devices that match a selection criteria comprises at least one selection criterion selected from the group consisting of device type, device name, device features, device capabilities, device status, past device performance, available consumables, transaction costs and device permissions.

5. (currently amended)   The method of claim 1, wherein identifying each of the detected wireless network devices that match a selection criteria further comprises:

generating a data structure comprising the supplemental information associated with the detected wireless network devices; and

searching the supplemental information to identify those detected wireless network

devices that match the selection criteria.

6.   (original)   The method of claim 5, wherein associating the at least one signal

quality with its respective wireless network device for each wireless network device

that matches the selection criteria further comprises associating each at least one

signal quality with its respective wireless network device in the data structure prior to

searching the supplemental information to identify those detected wireless network

devices that match the selection criteria.

7.   (original)   The method of claim 1, wherein prioritizing the wireless network

devices that match the selection criteria based on their associated at least one signal

quality further comprises prioritizing the wireless network devices using a first sort

order based on a first signal quality and using a second sort order based on a second

signal quality.

8.   (original)   The method of claim 1, wherein prioritizing the wireless network

devices that match the selection criteria based on their associated at least one signal

quality further comprises prioritizing the wireless network devices that match the

selection criteria based on a signal strength of the received signal such that the

wireless network device associated with the highest signal strength receives the

highest priority.

9.   (original)   The method of claim 1, further comprising:

establishing communication with the wireless network device that matches the

        selection criteria and has the highest priority.

10.   (original)   The method of claim 1, further comprising:

providing a list of the prioritized wireless network devices that match the selection

        criteria to a user; and

establishing communication with a wireless network device selected from the

        prioritized list by the user.

11.   (original)   The method of claim 10, further comprising:

highlighting a portion of the list of prioritized wireless network devices based on a

signal quality of the detected signals.

12.   (original)   A method of identifying and prioritizing wireless network devices, the

method comprising:

for one or more wireless network devices:

detecting a wireless network device, wherein the wireless network device

transmits a signal having a first signal quality;

querying the wireless network device to determine whether it is of a desired

type;

querying the wireless network device to determine whether is has a desired

status; and

associating the first signal quality with the wireless network device when it is

of the desired type and it has the desired status;

generating a list of wireless network devices that are of the desired type and have the

desired status; and

prioritizing the list of wireless network devices based at least on their associated first

signal quality.

13.   (original)   The method of claim 12, wherein the first signal quality is indicative of

a relative distance to the transmitting device or a presumed quality of service

available from the transmitting device.

14.   (original)   The method of claim 12, wherein the signal transmitted from each

wireless network device further has at least one additional signal quality.

15.   (original)   The method of claim 12, further comprising:

establishing communications with the wireless network device of the prioritized list of

wireless network devices that has the highest priority.

16.   (original)   The method of claim 12, further comprising:

providing the prioritized list of wireless network devices to a user; and

in response to a user selection of one of the wireless network devices of the prioritized

list of wireless network devices, establishing communications with the

selected wireless network device.

17.   (original)   The method of claim 16, wherein a portion of the prioritized list of

wireless network devices is highlighted based on a second signal quality of the

transmitted signals.

18.   (currently amended)   A computer-usable medium having computer-readable

instructions stored thereon capable of causing a processor to perform a method, the

method comprising:

for each of one or more transmitting wireless network devices, receiving a signal from

a transmitting wireless network device, wherein the signal has at least one

signal quality;

querying for obtaining supplemental information from each the wireless network

device associated with a received signal;

associating each the at least one signal quality with the its respective wireless network

device and its supplemental information;

comparing the supplemental information with a selection criteria to determine

whether the any wireless network device matches the selection criteria; and

if the wireless a wireless network device matches the selection criteria, prioritizing the

that wireless network device against other wireless network devices matching

the selection criteria, wherein the prioritization is based on the at least one

signal quality for each of the wireless network devices matching the selection

criteria.

19.   (original)   The method of claim 18, wherein the at least one signal quality

comprises a signal strength and wherein the method further comprises:

prioritizing the wireless network devices based on signal strength; and

establishing communications with the wireless network device having the highest

signal strength.

20.   (original)   The method of claim 19, further comprising:

attenuating each received signal if at least one of the received signals is saturated.